

Title (en)

PROCESS FOR THE PREPARATION OF SILYLATED POLYMERS EMPLOYING A BACKMIXING STEP

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SILYLIERTEN POLYMEREN MIT EINEM RÜCKVERMISCHUNGSSCHRITT

Title (fr)

PROCÉDÉ POUR LA PRÉPARATION DE POLYMÈRES SILYLÉS AU MOYEN D'UNE ÉTAPE DE RÉTROMÉLANGE

Publication

**EP 3334770 A1 20180620 (EN)**

Application

**EP 16747981 A 20160727**

Priority

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- US 2016044240 W 20160727

Abstract (en)

[origin: WO2017027219A1] A continuous process for preparing a silylated polymer comprising a silylation step where a prepolymer having reactive functional groups, a first intermediate product, is reacted continuously with a silylating agent in an endcapping tubular reaction unit to form a second intermediate product, and where at least a portion of the second intermediate product is backmixed continuously with the first intermediate product to form the silylated polymer. The continuous process may further comprise a stabilization step, a quenching step or both a stabilization step and a quenching step.

IPC 8 full level

**C08G 18/08** (2006.01); **C08G 18/10** (2006.01); **C08G 18/48** (2006.01)

CPC (source: CN EP US)

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Citation (search report)

See references of WO 2017027219A1

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